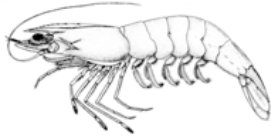


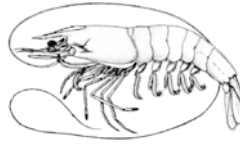
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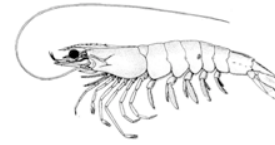
## Marine Science I: Reading Guide 9: Fisheries Unit- Invertebrates



Brown shrimp, *Farfantepenaeus aztecus*



White shrimp, *Litopenaeus setiferus*



Pink shrimp, *Farfantepenaeus duorarum*

1. How popular are shrimp in the American diet?
2. Do you like to eat shrimp? If so, what is your preferred way to eat them? If not, why not?
3. If there are 260 million American citizens and they eat an average of 4.1 pounds of shrimp per year, how many pounds of shrimp does the United States eat every year (show your work)?
4. Diagram the lifecycle of a shrimp:

5. Explain how each of the following problems affects populations of shrimp and the foodwebs that they belong to:
  - a. Overfishing of shrimp
  - b. Reduction of shrimp populations
  - c. By-catch during shrimping (make sure you explain what “by-catch” is)
  - d. The dragging of shrimp nets on the ocean floor
6. How has Texas tried to lesson the impact of shrimp overfishing? Give at least two examples from the reading.
7. Where is most shrimp farming done?
8. How does shrimp farming affect the environment? Give at least four examples from the reading.